Serial No. 09/690,872
Art Unit No. 2127

LISTING OF CLAIMS

1.   (currently amended) A method for projecting usage of computer resources for a plurality of processing systems in a processing environment comprising the steps of:

representing a plurality of capacities, one capacity for each system the capacity of each of said plurality of processing systems in units of time; and

sorting the capacities of said plurality of processing systems from shortest to longest time.

2.   (currently amended) The method of Claim 1 wherein said representing of the capacity for of each system of said plurality of processing systems comprises:

calculating a plurality of resource life expectancies, one resource the life expectancy for of each of said resources;

identifying at least one critical resource having the shortest resource life expectancy of said plurality of resource life expectancies; and

YOR920000462   -2-

Serial No. 09/690,872
Art Unit No. 2127

defining the life expectancy of the system as the resource life expectancy of the at least one critical resource.

3. (currently amended) The method of Claim 1 further comprising altering ~~the~~ workload on at least two of said plurality of processing systems to improve resource utilization.

4. (currently amended) The method of Claim 2 further comprising altering ~~the~~ workload on at least two of said plurality of processing systems to improve resource utilization.

5. (original) The method of Claim 3 further comprising reevaluating the usage of computer resources for the at least two of said plurality of processing systems.

6. (currently amended) The method of Claim 1 wherein said representing comprises plotting ~~the~~ a life expectancy for each of N resources of each processing system in an N dimensional capacity space.

YOR920000462   -3-

Serial No. 09/690,872
Art Unit No. 2127

7.   (original) The method of Claim 6 further comprising identifying at least one critical resource for each processing system based on its location within the N dimensional capacity space.

8.   (original) The method of Claim 6 further comprising identifying at least one available resource in said plurality of processing systems based on its location within the N dimensional capacity space.

9.   (original) The method of Claim 7 further comprising identifying at least one available resource in said plurality of processing systems based on its location within the N dimensional capacity space.

10.   (original) The method of Claim 9 further comprising balancing of workload from said at least one critical resource to said at least one available resource.

11.   (currently amended) A system for projecting usage of computer resources for a plurality of processing systems in a processing environment comprising:

at least one administrative processor comprising:

YOR920000462   -4-

Serial No. 09/690,872
Art Unit No. 2127

a normalizing component for representing <u>a plurality</u> <u>of capacities, one capacity for each system</u> ~~the capacity of each~~ of said plurality of processing systems in units of time; and

a sort component for sorting the capacities of said plurality of processing systems from shortest to longest time.

12.   (currently amended)   The system of Claim 11 wherein said normalizing component comprises:

a calculating component for calculating <u>a plurality of</u> <u>resource life expectancies, one resource</u> ~~the~~ life expectancy <u>for</u> ~~of~~ each of said resources;

an identifier component for identifying at least one critical resource having the shortest <u>resource</u> life expectancy <u>of said plurality of resource life expectancies;</u> and

a definitional component for defining the life expectancy of the system as the <u>resource</u> life expectancy of the at least one critical resource.

YOR920000462   -5-

Serial No. 09/690,872
Art Unit No. 2127

13.   (currently amended) The system of Claim 12 wherein said sort component <u>comprises</u> ~~comprising~~ means for sorting the capacities based on life expectancy.

14. (original) The system of Claim 11 further comprising processing means for applying a reallocation algorithm to adjust workload among said plurality of processing systems.

15.   (currently amended) A program storage device readable by machine, tangibly embodying a program of instructions executable by the machine to perform method steps for projecting usage of computer resources for a plurality of processing systems in a processing environment, said method comprising the steps of:

representing <u>a plurality of capacities, one capacity for each system</u> ~~the capacity of each~~ of said plurality of processing systems in units of time; and

sorting the capacities of said plurality of processing systems from shortest to longest time.

16.   (new) The program storage device of Claim 1 wherein said representing of the capacity for each system of said plurality of processing systems comprises:

YOR920000462   -6-

Serial No. 09/690,872
Art Unit No. 2127

calculating a plurality of resource life expectancies, one resource life expectancy for each of said resources;

identifying at least one critical resource having the shortest resource life expectancy of said plurality of resource life expectancies; and

defining the life expectancy of the system as the resource life expectancy of the at least one critical resource.

17. (new) The program storage device of Claim 15 wherein said representing comprises plotting a life expectancy for each of N resources of each processing system in an N dimensional capacity space.

18. (new) The program storage device of Claim 17 further comprising identifying at least one of a critical resource and an available resource for each processing system based on its location within the N dimensional capacity space.

19. (new) The system of Claim 14 wherein said normalizing component comprises means for plotting a life expectancy for each of N resources of each processing system in an N dimensional capacity space.

YOR920000462   -7-

Serial No. 09/690,872
Art Unit No. 2127

20. (new) The system of Claim 19 wherein said processing
means further comprises means for identifying at least one
of a critical resource and an available resource for each
processing system based on its location within the N
dimensional capacity space.

YOR920000462   -8-